

DAILY SITREP: NPS DET KATRINA

1. A. TIME: 24 0430Z SEP05

B. LOCATION:

NPS DET KATRINA (REAR): MONTEREY, CA

NPS DET KATRINA (FWD): BAY ST. LOUIS, MS

C. OPCON: JTF KATRINA CAMP SHELBY, MS

D. TACON: JFMCC JTF KATRINA

E. ADCON: NPS MONTEREY, CA

F. CURRENT MISSION:

PRI: ASSIST DISASTER RELIEF EFFORTS ALONG THE GULF OF MEXICO BY INSTALLING, OPERATING AND MAINTAINING A MOBILE COMMUNICATIONS NETWORK IN AREAS MOST DEVASTATED BY HURRICANE KATRINA WHILE MAINTAINING THE CAPABILITY OF DEPLOYING FLY AWAY COMMUNICATION KITS TO OTHER REMOTE LOCATIONS.

SEC: ON ORDER

2. CONSUMABLES

A. WATER: 100 % AVAILABLE: 170 - OPERATIONAL DAYS: 8

B. FOOD: 100% AVAILABLE: 120 - OPERATIONAL DAYS: 8

C. GASOLINE/DIESEL:

NEMESIS: 75%

RYDER: 75%

COMM POV: 75%

DET RENTAL RV: 100%

DET RENTAL RV: 75%

DET RENTAL CAR: 100%

DET RENTAL CAR: 50%

DET RENTAL CAR: 50%

DET RENTAL CAR: 100%

DET RENTAL CAR: 75%

STORED FUEL FOR GENERATORS: 15 GALLONS

D. PROPANE (NEMESIS): 100%

E. H2 (HYDROGEN FUEL CELL GENERATOR): 100%

F. HELIUM (BALLOONS): 100%

CONTINUING TO RECEIVE DELIVERIES OF DIESEL, POTABLE WATER, AND CHT PUMPING FOR ALL VEHICLES, GENERATORS, ETC. UNSURE IF THESE SERVICES WILL BE AVAILABLE ON SATURDAY AS HURRICANE RITA WX IS INTENSIFYING IN OUR OPAREA.

3. VEHICLES

DESCRIPTION

STATUS

NEMESIS

OPERATIONAL

RYDER 26FT TRUCK

OPERATIONAL

COMM POV	OPERATIONAL
DET RENTAL CAR	OPERATIONAL
DET RENTAL CAR	OPERATIONAL
DET RENTAL CAR	OPERATIONAL
DET RENTAL CAR	OPERATIONAL
DET RENTAL CAR	OPERATIONAL
DET RENTAL RV	OPERATIONAL
DET RENTAL RV	OPERATIONAL

4. PERSONNEL: TOTAL: 10

A. DET (FWD) -- MAIN EFFORT IS PROVIDING END USER SERVICES AT WIRELESS ACCESS POINTS AT ALL NODES IN THE NETWORK.

FACULTY:

NAME	RANK	DEPT
BRIAN STECKLER	GS-15 EQUIV	GSOIS

STUDENTS:

NAME	RANK	DEPT/CURRIC	BRANCH
BRYAN BRADFORD	MAJ	ISO	USAF (AOIC)
MIKE SANDERS	LT	SSE	USN
TOM HAINES	LT	IST	USN
ANDY DITTMER	LT	SSO	USN
ROBERT LOUNSBURY	1STLT	JC4I	USAF

RESERVISTS:

NAME	RANK	BRANCH
CHRIS GAUCHER	LCDR	USN(RC) (OIC)
MARK MOLLERE	CTN1	USN(RC)
RICHARD MEEKS	CTR1	USN(RC)
JEFF PLIENIS	CTR2	USN(RC)

CONTRACTORS:

NAME	COMPANY
NONE	

OBSERVERS:

NAME	RANK	BRANCH	AFFILIATION
NONE			

5. MATERIAL

A. NETWORK STATUS

CURRENT NETWORK STATUS: DUE TO THE TORNADO WATCH ALL DAY AND THREE TORNADO WARNINGS IN THE AREA THROUGHOUT THE DAY, TEAM MOVEMENT WAS LIMITED TO THE CAMP. TEAM WAS UNABLE TO

MAKE DAILY ROUNDS DUE TO TORNADO WARNINGS IN THE LOWER HANCOCK COUNTY AREA. TEAM EVACUATED TO THE HOSPITAL 2ND DECK THREE TIMES DURING THE DAY TODAY ALONG WITH APPROXIMATELY 150 OTHER DOD PERSONNEL (EMEDS, AIR GUARD SECURITY FORCE, HOSPITAL DEBRIS CLEANERS, ETC) OPERATIONAL STATUS OF NETWORK REMOTE NODES (BAY ST LOUIS AND WAVELAND PODS AND OTHER FACILITIES) COULD NOT BE DETERMINED, AS THE TEAM WAS INSTRUCTED TO REMAIN ON THE HOSPITAL COMPLEX GROUNDS.

B. ISSUES:

- DUE TO THE THREATS OF TORNADOS, NEMESIS AND THE TWO RV'S WERE HASTILY MOVED CLOSER TO THE HOSPITAL (EAST SIDE, UP TO AND NEXT TO THE STRUCTURE) TO SHELTER THE TEAM AND ASSETS FROM THE HIGH WINDS (SUSTAINED 25 KNOT WINDS, WITH GUSTS OF UP TO 35 KNOT WINDS).

- STILL COORDINATING RETURN OF TEAM RECREATIONAL VEHICLES, THE RYDER TRUCK, AND THE NEMESIS VAN. NO NEW ARRANGEMENTS OR DECISIONS MADE, BUT WE ARE MAKING NEW CONTACT AND COORDINATION WITH THE DEFENSE COORDINATION OFFICE (OFFICE) AND DEFENCE COORDINATION ELEMENT (DCE) FROM JACKSON, MS.

- DIFFICULTY OBTAINING REAL TIME WX INFORMATION THROUGHOUT THE DAY, PARTICULARLY REGARDING TORNADO WATCH AND THE OCASSIONAL TORNADO WARNINGS. LOCAL TV NEWS WAS AVAILABLE ON THE RV'S TV'S, AND ON LOCAL RADIO BUT WE NOTED THAT THE REPORTS WERE NOT TIMELY AND CONSISTENT WITH EACH OTHER. EVEN THE EOC RADIO STATION'S REPORTS SEEMED OFTEN INACCURATE.

6. LESSONS LEARNED

A. TECHNICAL:

- INTERNET CONNECTIVITY WAS SPOTTY MOST OF THE DAY DUE TO THE VERY HEAVY RAIN AND WIND. THESE HEAVY WINDS AND RAIN SQUALLS AFFECTED OUR MAIN INTERNET CONNECTION (SATCOM DISH ON ROOF OF HOSPITAL). EACH TIME THE RAINS WERE HEAVY THE NETWORK WENT DOWN. ALTHOUGH WE HAVE A PORTABLE COMPLETE WEATHER MONITORING KIT IN NEMESIS (WIND DIRECTION/SPEED, TEMPERATURE, PRESSURE, ETC) WE HAVE NOT HAD A

CHANCE TO INSTALL IT. HOPE TO DO SO ON SATURDAY TO RECORD WX INFO AT THIS LOCATION RESULTING FROM HURRICANE RITA (DUE TO HIT COAST ABOUT 0200 SATURDAY).

- ALL NPS NEMESIS DET AND HOSPITAL COMPLEX VOIP PHONES (ABOUT 15) HAD DIFFICULTY MAINTAINING CONNECTIVITY, AND WHEN CONNECTIVITY WAS RESTORED THE VOIP PHONES STILL DID NOT SYNCH UP PROPERLY. WE ARE STILL TROUBLESHOOTING VOIP PHONES WITH CISCO. NOT HAVING CISCO ENGINEERS ON THE GROUND IN OPAREA TO TROUBLESHOOT HERE AND AT THEIR RALEIGH NC NOC, IMPACTED OUR ABILITY TO KEEP THE NETWORK RUNNING AND AFFECTED OUR COMMAND/CONTROL. ONLY OTHER MEANS OF COMMUNICATION WITH OUTSIDE WORLD WAS CELL PHONES, AND DUE TO STORM AND VOLUNTARY EVACUATION ANNOUNCEMENT OF SOUTHERN HANCOCK COUNTY (OUR AREA) WERE JAMMED MOST OF THE DAY. HAVE SUGGESTED TO CISCO THAT THEY SEND IN REPLACEMENT ENGINEERS IF POSSIBLE.
- DURING THIS PERIOD OF INCLEMENT WEATHER, EXPERIENCED SOME CHALLENGES WITH THE BREADCRUMB 802.11 WIRELESS ACCESS POINTS (ONE KEY BREADCRUMB FOR THE HOSPITAL COMPLEX (ON ROOF) HAD A SEAL FAILURE RENDERING IT INOP. BREADCRUMBS ALSO EXHIBITED THE SAME STRANGE DHCP CONFIGURATION PROBLEMS WE EXPERIENCED SEVERAL DAYS AGO. OIC HAS COLLECTED SEVERAL FIELD RECOMMENDATIONS FOR IMPROVING THE BREADCRUMBS' DESIGN/PERFORMANCE THAT WILL BE SHARED SEPARATELY WITH THE FACULTY LEAD.
- LEARNED THAT THERE IS AN ISSUE WITH AN ENTITY PROVIDING TELEPHONE SERVICE (LIKE OUR OPERATION WITH VOIP PHONES) AND THE 911 SYSTEM. EXPECTATION BY THE PUBLIC THAT ANY PHONE CAN ACCESS 911. ALSO THE 911 SYSTEM HELPS GEOLOCATE CALLERS TO AID LAW ENFORCEMENT TO FIND THE CALLER. FLORIDA HAS A LAW THAT MANDATES ANY PROVIDER TO HAVE ACCESS TO THE 911 SYSTEM. TEAM TALKING TO CISCO TO SEE IF THEIR CALL MANAGER SYSTEM IS CAPABLE OF CONFIGURATION FOR 911 CALLING.

B. PERSONNEL:

- ONE NAVAL RESERVIST WAS TO ARRIVE TODAY, BUT WAS ORDERED BY NPS NEMESIS DET OIC TO DELAY HIS ARRIVAL UNTIL TOMORROW DUE TO THE INCLEMENT WEATHER. HE WILL TRAVEL HERE FROM ATLANTA TOMORROW EVENING. AN ADDITIONAL NAVAL RESERVIST IS EXPECTED ON MONDAY FOR A TOTAL RESERVIST TEAM OF SIX INCLUDING THE OIC. AS THE NPS STUDENT/FACULTY GROUP (5 TOTAL) ARE SCHEDULED TO DEPART ON SUNDAY THIS LEAVES US WITH THE SMALLEST TEAM YET. CONCERN THAT THIS SMALL TEAM WILL HAVE DIFFICULTY CONTINUING TO MAINTAIN THIS FRAGILE HFN UNTIL EXPECTED TURNOVER TO CIVIL AUTHORITIES OR FEMA CONTRACTED VENDOR/S.
- MAJOR BRYAN BRADFORD, AN NPS STUDENT, HAS AGREED TO POSTPONE HIS RETURN TO NPS (REC'D APPROVAL FROM ADCON TONIGHT) AND WILL REMAIN AS AOIC DURING THE PERIOD OF THE RESERVISTS' STAY, SCHEDULED FOR 30 SEP.
- AN IMPORTANT MEDICAL ADVISORY WAS RECEIVED BY THE TEAM FROM THE DCO TODAY OUTLINING THREATS AND REQUIRING ACTION BY RETURNING PERSONNEL WITHIN 5 DAYS OF COMPLETION OF MISSION. A MEDICAL POST-DEPLOYMENT FORM WAS PROVIDED TO THE TEAM AND HAS BEEN PUBLISHED ON THE MAIN SECTION OF THE IP.WIKI PORTAL.

D. DOCUMENTATION: CONTINUING TO DOCUMENT LOGISTICS AND OPERATIONAL DETAILS, LESSONS LEARNED, ETC., FOR ANY FUTURE RELIEF THAT ARRIVES IN THE NEXT FEW DAYS INCLUDING THE RESERVIST CONTINGENCY. DUE TO THE INCLEMENT WEATHER, THIS CONTINUES TO BE A CHALLENGE. THE TEAM BELIEVES THE WEATHER HAS ADVERSELY AFFECTED THE TEAM'S TURNOVER BY AT LEAST 36 HOURS.

E. LOGISTICS:

- WHEN PROVIDING HURRICANE DISASTER RELIEF DURING THE HURRICANE SEASON, THERE NEEDS TO BE BRIEFS TO ALL HANDS PRIOR TO ENTERING OPAREA TEAM WAS NOT FAMILIAR WITH CHARACTERISTICS ON THE GROUND IN SUCH CONDITIONS. SPECIAL PROVISIONS SHOULD BE MADE FOR EVACUATION PLANS, EMERGENCY SHELTERING IN

HARDENED FACILITIES DURING TORNADO WARNINGS, WEATHERIZING OF DEPLOYED EQUIPMENT, TORNADO EVASION PLANS, FLOOD RE-ROUTING, ETC.

- FORCE PROTECTION HAS SHRUNK TO A TOTAL OF TWO AIR GUARD SECURITY STAFF SINCE THE GUARD EMERGENCY MOBILE MEDICAL TEAM DEPARTED IAW THE VOLUNTARY EVACUATION ANNOUNCEMENT FOR HANCOCK COUNTY. THE EMED UNIT INDICATED THAT THEY WOULD BE OUT OF AREA FOR TWO DAYS. THE REMAINDER OF THE AIR GUARD SECURITY TEAM JOINED THEM. THE NEMESIS TEAM IS LOCKING ALL VEHICLES WHILE OCCUPIED AND MAINTAINING THE BUDDY SYSTEM THROUGHOUT THE NIGHT AND DAY. FORCE PROTECTION AUGMENTATION HAS BEEN REQUESTED FROM THE DCO AS INSTRUCTED BY THE DCO REP THAT VISITED THE SITE YESTERDAY.

- MOVEMENT OF THE RV'S ACROSS THE PARKING LOT DUE TO THE TORNADO WARNINGS PROVIDED A NUMBER OF LESSONS LEARNED:

- TORRENTIAL RAIN MADE FOR HAZARDOUS CONDITIONS SO EXTRA PRECAUTIONS AND ADDITIONAL TIME WERE TAKEN TO EXECUTE THE MOVE.

- MUD REQUIRED PLYWOOD PLACEMENT TO MINIMIZE THE CHANCE THAT THE VEHICLES GET STUCK IN THE MUD. ADDITIONALLY, OLD CRATES WORK WELL TO LIMIT TRACKING OF MUD AROUND THE CAMP AND IN THE VEHICLES.

- THE GENERATOR PROVIDING ELECTRICITY TO THE ENTIRE CAMP SHOULD NOT BE PARKED ON GRASS. A TEAM SUCH AS THIS SHOULD CONSIDER A MOBILE GENERATOR ON A TRAILOR THAT CAN BE MOVED EASILY WITH THE VEHICLES IT IS SUPPORTING. WE HAD TO FIND A FORK LIFT SEVERAL TIMES TO MOVE THE 150KW GENERATOR LOANED TO US FROM THE HOSPITAL/FEMA.

- BRING PLENTY OF ELECTRICAL CABLES FOR THE GENERATOR AND "CRAWL-OVERS" TO PROTECT CHAFING FROM TRUCKS DRIVING OVER THEM.

- ELIMINATE HARDWIRING BETWEEN THE NOC AND THE COC. PERHAPS A DIRECT 802.11 LINK BETWEEN ACCESS POINTS IS MORE APPROPRIATE.

- PLACE THE RV'S IN SUCH A WAY THAT THE CHT DISCHARGE, THE POTABLE WATER TANKS, AND THE POWER INPUT ARE ACCESSIBLE, WHILE STILL PRESENTING LESS SAIL AREA IN HIGH WINDS.

- START EACH OF THE VEHICLES ENGINES ON A DAILY BASIS. HAD TO JUMP/CHARGE TWO OF THE VEHICLE'S BATTERIES.

- EACH TEAM MEMBER SHOULD BE PROVIDED FOUL WEATHER GEAR. MOST MEMBERS DID NOT HAVE PROPER BOOTS AND RAIN GEAR.

- NEMESIS SHOULD HAVE A SEPARATE MAINTENANCE TRAILER VICE A RYDER TRUCK. ITEMS WERE DIFFICULT TO FIND AND ACCESS WHEN WE WERE MOVING THE VEHICLES.

F. MEDIA AND PUBLIC RELATIONS: AP REPORTER DID NOT RETURN AS EXPECTED.

7. ENCLOSURE: FILE "GOVERNMENT EMERGENCY TELECOMMUNICATIONS SERVICE (GETS) AND THE WIRELESS PRIORITY SERVICE (WPS). INFORMATION ON THESE TWO DHS RUN PROGRAMS WILL BE PROVIDED SEPARATELY TO APPROPRIATE PERSONNEL UPON REQUEST. THE GETS AND WPS PROGRAMS ALLOW EMERGENCY EARLY RESPONDERS TO OBTAIN PRIORITY SERVICE FOR POTS AND CELL PHONE SERVICE.

8. ONSITE OIC/FACULTY LEADERSHIP COMMENTS

A. NAME OF OIC: LCDR GAUCHER
FACULTY LEAD: PROF BRIAN STECKLER

B. PHONE NUMBER FOR OIC: 831.277.3213 OR NOC MAIN EXTENSION AT 20042.

C. OIC/FACULTY COMMENTS: LCDR GAUCHER:

TODAY WAS A CHALLENGE. THERE WAS VOLUNTARY EVACUATION OF OUR AREA WITH TORNADO WATCHES AND WARNINGS THROUGHOUT THE DAY. IN PREPARATION FOR RAPIDLY DETERIORATING WEATHER, WE MOVED SOME OF THE HIGHER PROFILE VEHICLES TOWARDS THE HOSPITAL. THE 186TH CIVIL ENGINEERING SQUADRON (WHO JUST ARRIVED TODAY) FROM MERIDIAN, MS ASSISTED US IN MOVING THE LARGE GENERATOR CLOSER TO THE RV'S AND WITH REWIRING. IN APPRECIATION FOR THEIR FANTASTIC SUPPORT, WE SET THEM UP WITH A VOIP PHONE TO MAKE LONG DISTANCE PHONE CALLS AND A LAPTOP FOR THE NIGHT TO WATCH MOVIES OR SURF THE INTERNET. THEY WERE VERY GRATEFUL FOR OUR ASSISTANCE SINCE THEIR DVD PLAYER WAS DOWN HARD FOR THE NIGHT. AS THEY HAD PLANNED ON LIVING IN TENTS ON THE PARKING LOT, THEY HAVE MOVED INTO THE SECOND FLOOR OF THE HOSPITAL TO WAIT OUT THE STORM. IT WAS GREAT TO HELP

A UNIT THAT HAD BEEN SO GENEROUS WITH THEIR TIME DURING THE DAY.

BRIAN STECKLER: I RECEIVED AN E-MAIL TODAY THAT CLEARLY SHOWS THE VALUE THIS TEAM HAS PROVIDED THE COMMUNITY:

“HI BRIAN,

I AM A MEMBER OF PA3 DMAT. WE MET DURING OUR SHORT STAY AT HANCOCK MEMORIAL IN BAY ST LOUIS. I WANTED TO THANK YOU FOR THE INVALUABLE SERVICES YOU PROVIDED THE TEAM IN THE WAY OF INTERNET AND PHONE CONNECTIVITY. I KNOW THAT AS MUCH AS WE APPRECIATED IT, THE SERVICE YOU PROVIDED THE COMMUNITY THERE WAS APPRECIATED MUCH MORE AS THEY CANNOT EXPECT THOSE SERVICES RESTORED FOR SOME WEEKS YET.

WITH TEAMS SUCH AS YOURS ABLE TO QUICKLY PROVIDE CONNECTIVITY IN AREAS SUCH AS WE WERE IN WHERE SO MUCH INFRASTRUCTURE WAS DESTROYED WITH NO HOPE OF QUICK RESTORATION, COMMUNITIES AND GOVERNMENTS CAN QUICKLY RE-ESTABLISH COMMUNICATIONS SO VITAL TO RECOVERY.

I HOPE YOUR PROGRAM CONTINUES TO FLOURISH AND IS GIVEN SERIOUS CONSIDERATION AS BEING PART OF A FORMAL FIRST RESPONSE TO STRICKEN AREAS OF ANY DISASTER.

I'M HOME NOW AND ENJOYING THOSE THINGS WE ALL TAKE FOR GRANTED. I HOPE YOU GUYS SOLVED THE SHOWER/SANITATION PROBLEMS CREATED WHEN WE WERE ORDERED OUT. MAYBE SOMEDAY THE MECHANISMS WILL BE IN PLACE WHERE DIFFERENT AGENCIES CAN WORK MORE CLOSELY TOGETHER WITHOUT ALL THE RED TAPE.

GOOD LUCK AND STAY SAFE,

GEORGE KLINZING, PA3 DMAT ERIE, PA”

C. THE FOLLOWING EXTENSIONS ARE PROVIDED FOR THE CISCO VOIP/CALL MANAGER ENABLED PHONE NUMBER 919-595-8545:

- PROF. BRIAN STECKLER EXT 20040
- NPS DET KATRINA COC (UNMANNED) EXT 20053

- NPS DET KATRINA NOC EXT 20042 OR
20165 (WIRED VOIP PHONE WITH SPEAKERPHONE)

D. CURRENT TELEPHONE DIRECTORY AND ALL PAST SITREPS CAN BE OBTAINED BY LOGGING ONTO [HTTP://WWW.JPWIKI.COM](http://www.jpwiki.com) AND OBTAINING AN ACCOUNT BY REGISTERING, THEN RECEIVING AN EMAIL WITH USERNAME/PASSWORD, THEN LOGGING BACK IN.